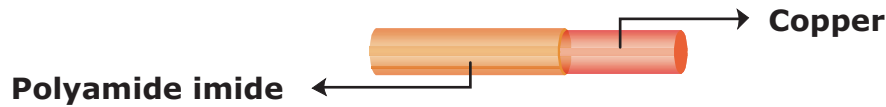


INVEMID 200 AT - MW 81C

PRODUCT CONSTRUCTION



GENERAL INFORMATION

MAIN USES

- Alternators, ignition coils
- Electric toolst
- Motors for home appliances
- Motors for vehicle wind wipers
- Motors and high tension transformers
- Ballasts for fluorescent lamps

REFERENCES

Round
MW-81C
IEC-60317-26

Square and Rectangular
-

PROPERTIES

- Resistant to high temperatures
- Optimal mechanical resistance

AVAILABILITY

Round
15 to 30 AWG

Square and Rectangular
-

TYPICAL PROPERTIES

(This data is typical of 18 AWG copper, heavy build insulation only. It is not intended to be creating specification limits)

THERMAL PROPERTIES

Thermal Endurance (20000hs)

Specification: 220°C
Typical Values: 220°C

Thermoplastic Flow

Specification: 300°C
Typical Values: 430°C

Heat Shock

Specification: 20% - 3xØ - ½ hr at 240°C - no cracks
Typical Values: No cracks

CHEMICAL PROPERTIES

Retained Dielectric after 72 hrs exposure to R-22

Specification: min 5700 V
Typical Values: 11500 V

R-22 Extractable

Specification: max 0.25%
Typical Values: 0.17%

Resistance to solvents after 24 hrs

Specification: Xylene and 50/50 Xylene/Butyl Cellesolve
Typical Values: Pass

Transformer Oil resistance (IEC-60851-4)

Specification: Dielectric strenght after 1000 hr at 150°C
Min Average - 5700 V
Typical Values: 12000

ELECTRICAL PROPERTIES

Dielectric Breakdown

Specification: min - 5700 V
Typical Values: 13000 V

Dielectric Strenght at 220°C

Specification: min - 4275 V
Typical Values: 9000 V

High Voltage Continuity

Specification: 5 faults/100 feet - 1500 V
Typical Values: 0 faults/100 feet - 2500 V

MECHANICAL PROPERTIES

Mandrel flexibility after elongation

Specification: 20% - 3xØ no cracks
Typical Values: 20% - 2xØ no cracks

Unilateral Scrape (Avg. of 3 sides)

Specification: min - 1150 g
Typical Values: 1550 g